

### **IN THE CLAIMS**

Please cancel claims 2 through 26.

1. (Original) A method of nanofibres production from a polymer solution (2) using electrostatic spinning in an electric field created by a potential difference between a charged electrode (30) and a counter electrode (40), in which the polymer solution (2) is for spinning into the electric field supplied by means of the surface of a rotating charged electrode (30) which is by a part of its surface immersed in a polymer solution, characterized by that the polymer solution (2) is supplied into the electric field for spinning using the surface of the rotating charged electrode (30) which is created with a body elongated in a direction its rotational axis, which is perpendicular to the movement direction of a device (7) for nanofibres storage and together is parallel to the plane of this device (7), while on a part of the circumference of the charged electrode (30) near to the counter electrode (40) is a spinning surface created, from which the nanofibres (8) formed by the action of the electric field from the conductive polymer solution (2) are drifted towards the counter electrode (40) and in front of it they are stored on a device (7) for nanofibres storage and they form a layer on the device by which is a high spinning capacity reached.

Claims 2 – 26 (Cancelled)